

3A ISOLATED POWER SOCKET IPS1 SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?IPS1

Insulator Material: Black LCP

Contact Material: Phosphor Bronze

Operating Temp Range: -65°C to +105°C with Tin; -65°C to +125°C with Gold

Plating: Sn or Au over 50µ" (1,27µm) Ni

Insertion Force (SMT): (Single contact only) 3.0oz (0,83N) avg

Withdrawal Force (SMT): (Single contact only) 2.6oz (0,72N) avg

Insertion Force (T/H): (Single contact only) 6.0oz (1,67N) avg

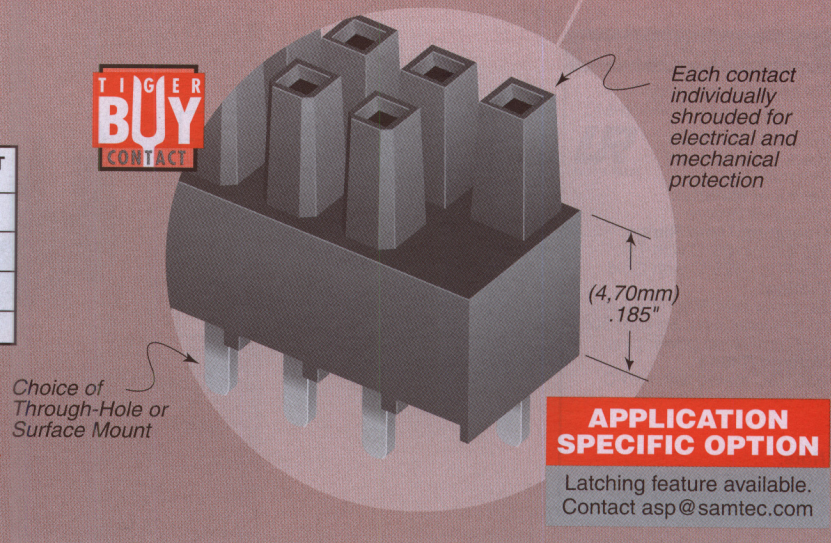
Withdrawal Force (T/H): (Single contact only) 5.0oz (1,39N) avg

Voltage Rating: 550 VAC mated with IPT1



Mates with: IPT1

AMBIENT TEMPERATURE	CURRENT RATING
20°C	7A
40°C	6A
60°C	4A
80°C	3A



APPLICATION SPECIFIC OPTION

Latching feature available. Contact asp@samtec.com

Note: Some sizes, styles and options are non-standard, non-returnable.

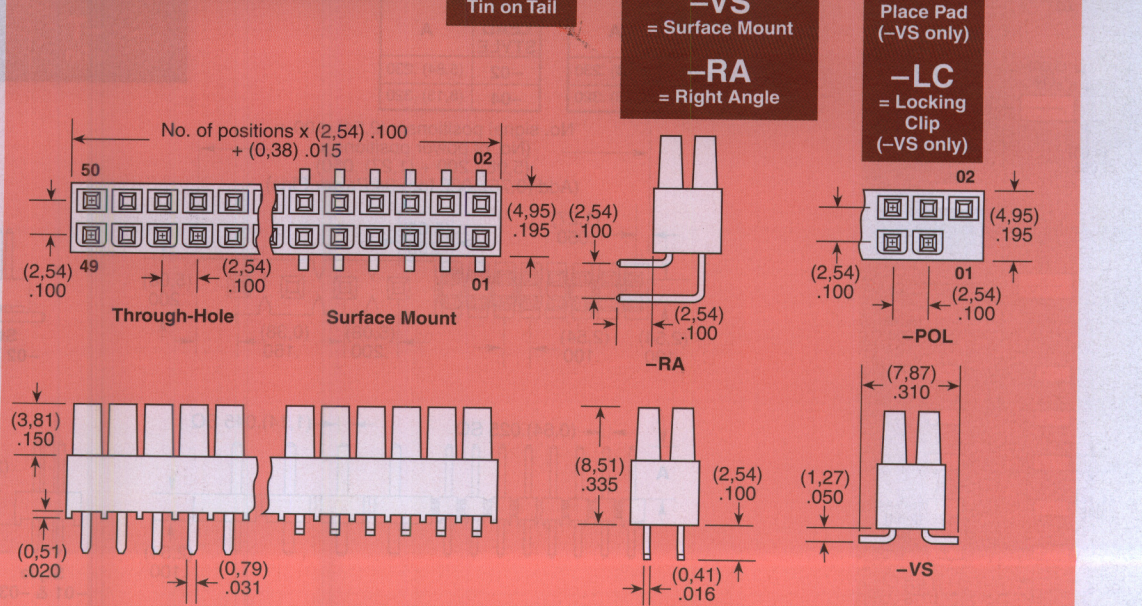
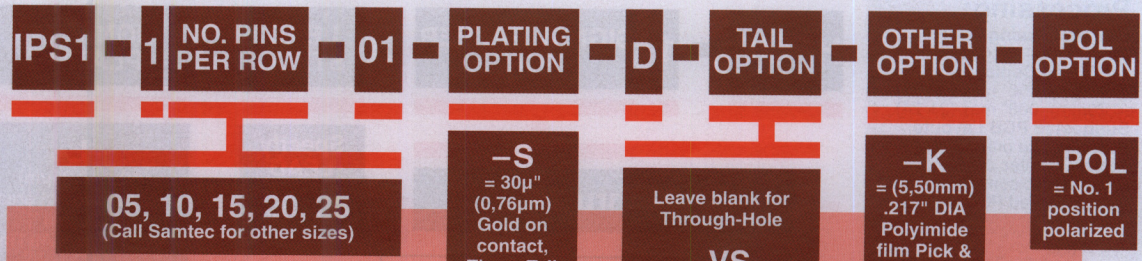
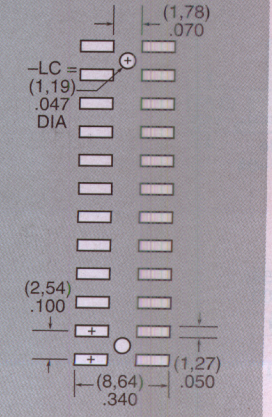
Processing:

Max Processing Temp: 230°C for 60 seconds

SMT Lead Coplanarity: (0,13mm) .005" max (05-10) (0,15mm) .006" max (15-25)

Suggested Paste Thickness: For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts: For reference only. Please contact Samtec or go to www.samtec.com?IPS1 for recommended PCB layout.



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
 SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
 SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-87420413
 SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047
 SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
 SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
 SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
 SAMTEC TAIWAN • Tel: 886-02-2364-6077 • Fax: 886-02-2367-9531
 SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745
 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
 SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
 SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319